M4N98TD EVO

Designed to Perform – Exclusive DDR3 Models with NVIDIA SLI Solution

- AMD AM3 CPU Support
- DDR3 2000(O.C.) Support
- 8+1 Phase Power Design
- NVIDIA® SLI® Technology support
- Core Unlocker(Switch on board)
- TurboV

Specifications

CPU	AMD Socket AM3 ;Phenom™II /Athlon™II /Sempron™ 100 Series Processors AMD 140W CPU Support Support 45nm CPU
Chipset	NVIDIA nForce 980a SLI® Supports NVIDIA Clock Calibration(NVCC) function
System Bus	Up to 5200 MT/s ;HyperTransport™ 3.0
Memory	4 x DIMM, Max. 16 GB, DDR3 2000(O.C.)/1333/1066 ECC,Non-ECC,Un-buffered Memory Dual Channel memory architecture *AMD AM3 100 and 200 series CPU support up to DDR3 1066MHz **Due to OS limitation, when installing total memory of 4GB capacity or more, Windows® 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended. ***Refer to www.asus.com or the user manual for the Memory QVL (Qualified Vendors Lists)
Expansion Slots	2 x PCIe 2.0 x16 (dual @ x16) 2 x PCIe x1 2 x PCI 2.2
Multi-GPU Support	Supports NVIDIA® SLI® Technology (dual @ x16) Supports NVIDIA® Hybrid SLI® Technology **NVIDIA® nForce® 980a SLI® chipset**
Storage	1 xUltraDMA 133/100 5 xSATA 3.0 Gb/s ports (Legacy IDE operation is only supported on ports 1–4.) NVIDIA® MediaShield™ RAID Support RAID 0,1,0+1,5,JBOD 1 x External SATA 3.0 Gb/s port (SATA On the Go)
LAN	Broadcom® B5071 Gigabit LAN Controller featuring AI NET 2
Audio	VIA® VT1708S 8-Channel High Definition Audio CODEC - Supports Jack-Detection, Multi-Streaming, and Front Panel Jack-Retasking - Coaxial and Optical S/PDIF Out ports at back I/O - ASUS Noise Filter
IEEE 1394	VIA® VT6308P controller supports 2 x 1394a port(s) (1 port at mid-board, 1 port at back panel)
USB	12 USB 2.0/1.1 ports (6 ports at mid-board, 6 ports at back panel)
ASUS Unique Features	**ASUS Exclusive Features** - Core Unclocker - MemOK! **ASUS Power Solutions** - 8+1 Phase Power Design - 100% Long-Life Capacitors

Overclocking Features	- EPU **ASUS Quiet Thermal Solution** - ASUS Fanless Design: Heat-pipe solution - Stack Cool 3+ - Fan Xpert **ASUS Express Gate** **ASUS Crystal Sound** - ASUS Noise Filter **ASUS EZ DIY:** - ASUS Q-Connector - ASUS O.C. Profile - ASUS CrashFree BIOS 3 - ASUS EZ Flash 2 - ASUS MyLogo 2 - Multi-language BIOS **Intelligent overclocking tools** - ASUS Turbo Key - ASUS TurboV **Precision Tweaker 2** - vCore: Adjustable CPU voltage at 0.0125V increment - vHT Bus: Adjustable HT voltage at 0.02V increment - vDIMM: Adjustable DRAM voltage at 0.02V increment - vChipset: Adjustable NB voltage at 0.02V increment **SFS (Stepless Frequency Selection)** - FSB tuning from 200MHz up to 600MHz at 1MHz increment - PCI Express frequency tuning from 100MHz up to 200MHz at 1MHz increment **Overclocking Protection** - ASUS C.P.R.(CPU Parameter Recall)
Back Panel I/O Ports	1 x External SATA 1 x IEEE 1394a 1 x LAN(RJ45) port 6 x USB 2.0/1.1 8 -Channel Audio I/O 1 x PS/2 Keyboard port (purple) 1 x PS/2 Mouse port (green) 1 x Coaxial S/PDIF Out port 1 x Optical S/PDIF Out port
Internal I/O Connectors	3 x USB connectors supports additional 6 USB ports 1 x IDE connector 1 x IEEE 1394a connector 1 x CPU Fan connector 1 x Power Fan connector 1 x COM connector 5 x SATA 3.0Gb/s connectors 2 x Chassis Fan connector (1 x 3 pin, 1 x 4 pin) 1 x MemOK! button 1 x Core Unlocker switch 1 x S/PDIF Out header Front panel audio connector 24-pin ATX Power connector 8-pin ATX 12V Power connector System Panel(Q-Connector)
BIOS	8 Mb Flash ROM , AMI BIOS, SPI, PnP, DMI2.0, WfM2.0, SM BIOS 2.5, ACPI 2.0a, ASUS EZ Flash 2, ASUS CrashFree BIOS 3
Manageability	WOL by PME,WOR by PME,WOR by Ring,PXE

Accessories	User's manual 1 x I/O Shield 4 x SATA cable(s) 1 x UltraDMA 133/100 cable 1 x SLI bridge cable Q-Connector
Support Disc	Drivers Anti-virus software (OEM version) ASUS Update ASUS Utilities
Form Factor	ATX Form Factor 12 inch x 9.6 inch (30.5 cm x 24.4 cm)

The product (electrical , electronic equipment, Mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- PCB color and bundled software versions are subject to change without notice.
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